I^st & Final bill

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other works)

No: Date: **Job code No:** 013-20-000022 (P code -3657)

Division: Dasarahalli **Sub Division:** Shettyhalli Sub Div

Bill Received No_ Date_Cash Book Voucher No_ Dated_

Scheduled Documente No.

Name of work (as per sanctioned estimate):- **Improvements to Roads and drains in ward No 13.**

Name of the Contractor and Full Address: - **K B Constructions (B J Kumara)**

Reference to work order: **BBMP/EE/DD/WO/196/2020-21,** **DATE: 03-03-2021**

Certified that the measurement were taken by me on 26/08/2021 and recorded of pages 483662 - 483666

Of measurement Book No: 4837/19-20 And that the work is satisfactorily executed.

K.J. **Contractor**

26.08.2021

Office-in-charge of work

Certified that the measurements were taken by me on_And found correct.
The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agree upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub division officer

If Memorandum of Payment **Job code :** 013-20-000022

1)Total value of work done or supplies made as per account within	
2) Deduct amount to be held in reserve being_percent Rs_	
3)Deduct amount to be held in Balance	Ist and final Bill Amount = 9744498=00
4)Deduct Payments:	
a)Amount of Previous payment as in the office Cash book Voucher No_Dated_S.D.No_	IT – 194890=00
Amount adjusted towards cash advance recovery of	LWC – 97445=00
b)Payments cost store or other materials supplied	CBF – 97444=00
Now made recovery of amount creditable to this/other work	Royalty – 60068=00
Amount paid on this bill Cheque/Cash.	CGST – 87004=00
	SGST – 87004=00
	(-) 536155=00
5)Balance being unpaid value of work done held in reserve	
6)Deduct cash advance made on the office cash Book Voucher No_ Dated_less adjustements	
7)Net amount due to or from contractor	Net – 9208343=00
Unadjusted items	
8)Advance to contractor for materials brought to site (as detailed) with Value of Government materials supplied	

K.J. Contractor's Signature

Received Rs_(in words)

_

By cash and by adjustment of payment as per memorandum.

Witnesses:

1

2

Dated_Signature of Contractor

Paid by me by cheque No_Dated_

Cast Rs_Dated_

Initials of Office making payment

EXECUTIVE ENGINEER
Bruhat Bengaluru Mahanagara Palike
Dasarahalli Division, Bengaluru-73.

Audited and admitted for Rs. 9744498=00 (For use in the Office)

Passed by Cheque for Rs. 9208343=00

Ninty Two Lakhs Eight Thousand Three hundred and Forty Three only

by adjustment Rs. 536155=00

Executive Engineer

Accounts Superintendent Exe. Engineer

B.B.M.P. Dasarahalli Division

Name of Work :

ABSTRACT

Sl No	Description of Work	Unit	As per Shedul	
			Qty	Rate
1	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	1156.00	143.24
2	Removing & Refixing stone slabs of drains and pointing in C.M (1:3)	Sqm	173.93	115.70
3	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per specifications.	Cum	320.28	5726.95
4	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500,1700, 2200. including cost of materials, labour, HOM complete as per specifications.	Cum	85.12	7473.40
5	Providing T.M.T. steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per disign (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM complete as per specification 28.8.2 -do- TMT Bars Fe 500	ton	6.09	75183.90
6	Providing and fixing Precast RCC Cover slabs of 100 mm thick for drain in Cement concret 1:1.5:3 Using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work lift charges Curing and concrete finishing surface on both sides etc;. and complete as per the directions of Engineer in Charge.	Sqm	230.72	1678.79
7	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications.MORTH / Chapter 3	Sqm	2137.02	99.17
8	Dismantling of cement concrete pavement by mechanical means using pneumatic tools, breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials stacking serviceable and unserviceable materials seperately complete as per specifications. MORTH Specification No. 202	Cum	55.53	990.58

nprovements to roads and Drains in Ward No 13

e -B	Previous Measurement		Present Measurement			Up to date	
Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
165585.00			1156.00	143.24	165585.00	1156.00	165585.00
20124.00			173.93	115.70	20124.00	173.93	20124.00
1834228.00			320.28	5726.95	1834228.00	320.28	1834228.00
636136.00			85.12	7473.40	636136.00	85.12	636136.00
457870.00			6.08	75183.90	457118.00	6.08	457118.00
387330.00			230.72	1678.79	387330.00	230.72	387330.00
211928.00			2137.02	99.17	211928.00	2137.02	211928.00
55007.00			55.39	990.58	54868.00	55.39	54868.00

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e -B	Previous Measurement		Present Measurement			Up to date	
Amount	Qty	Amount	Qty	Rate in Rs.	Amount	Qty	Amount
165585.00			1156.00	143.24	165585.00	1156.00	165585.00
20124.00			173.93	115.70	20124.00	173.93	20124.00
1834228.00			320.28	5726.95	1834228.00	320.28	1834228.00
636136.00			85.12	7473.40	636136.00	85.12	636136.00
457870.00			6.08	75183.90	457118.00	6.08	457118.00
387330.00			230.72	1678.79	387330.00	230.72	387330.00
211928.00			2137.02	99.17	211928.00	2137.02	211928.00
55007.00			55.39	990.58	54868.00	55.39	54868.00

9	Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications. MORTH I Chapter 3	Sqm	2608.00	6.61
10	Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification No. 406	Cum	462.75	2080.33
11	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 Its conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). &= Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, soparation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications . -do- with OPC at 360 kg/cum and coarse aggregate 0.69cum, fine aggregate 0.46cum.			
	Up to 125%	Cum	355.35	5565.50
	Above 125%	Cum	37.25	5416.79
12	Placing tipper at loading point, loading with front end loader,dumping, turning for return trip, excluding time for haulage and return trip complete as per specifications. MORTH -100/ Chapter 1	Cum	1211.53	59.25
13	Cost of Haulage Excluding Loading and Unloading MORTH -100/ Chapter 1	Cum	1211.53	26.61
EIRL 1	Providing and fixing Precast RCC Cover slabs of 250 mm thick for drain in Cement concret 1:1.5:3 Using graded granite jelly 20mm and down size with steel reinforcement and pointing for joints 1:3 cement mortor including form work lift charges Curing and concrete finishing surface on both sides etc;. and complete as per the directions of Engineer in Charge.	Sqm	47.07	5632.01
EIRL 2	Providing and applying primer coat with S.S.including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means complete as per specifications. Clause 502 of MORTH V revision	Sqm	1145.22	35.26

17239.00			2608.00	6.61	17239.00	2608.00	17239.00
962673.00			462.31	2080.33	961757.00	462.31	961757.00
					0.00	0.00	0.00
1977700.00			355.35	5565.50	1977700.00	355.35	1977700.00
201775.00			37.25	5416.79	201775.00	37.25	201775.00
71783.00			1211.53	59.25	71783.00	1211.53	71783.00
32239.00			1211.53	26.61	32239.00	1211.53	32239.00
265099.00			47.07	5632.01	265099.00	47.07	265099.00
40380.00			1144.15	35.26	40343.00	1144.15	40343.00

EIRL 3	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading; premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and ialignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision	Cum	57.26	7580.87
EIRL 4	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications. Clause 503 of MORTH V revision	Sqm	2532.58	13.22
EIRL 5	Providing and laying bituminous concrete 40mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision as per IRC SP-53-2015.do - using 40-60 TPH capacity HMP with mechanical paver grading II(30-45mm) with 5.4 % of modified bituminous binder consisting of 4.97% of VG-30 bitumen (60/70 grade) and 0.43% of plastomeric thermoplastics (waste plastic)	Cum	101.30	8882.17

Rupees Ninty Seven Lakhs Forty Four Thousand Four Hundred Nint

CERTIFICATE

1 Certified that the work done is satisfactorily.

2 There is no departmental issues by BBMP

434081.00			57.21	7580.87	433702.00	57.21	433702.00
33481.00			2527.64	13.22	33415.00	2527.64	33415.00
899764.00			101.11	8882.17	898076.00	101.11	898076.00
8704213.00				Total Rs	8700445.00		8700445.00
				ADD GST 12%	1044053.40		1044053.40
				Grand Total Rs	9744498.40		9744498.40

y Eight Only

Assistant Engineer
Ward No 13

Assistant Executive Engineer
Shettyhalli Sub Division